Notebook, N-05-07-08

2000) 80000 (40

2069—

Experiments with perforated tubes + flake metal with various sticky and preparations + manipulations. July 8. 1905

No 90=

18000 Green Thro 80 fuses in
6000 flakes MiCo 70/30 Thro 20
8000 of filtered wonderfully
thick Gum Dextrin, it wasn't runny
but thin like table syrup - Yet
called like glucose, mix not
sticky rolled just one of coat
with water, dries too quick & fix
to fingers (10) particles of dry
under Micro particles mixed
thro flake but all free except
at ones spot where it touches
if Cake - Thumb it no except
that merely mixing green ~~the~~
preventing fingers sticking
to bottom will do the big ton
test - Mix apparent Color
from green that being covered
all over.

OVER

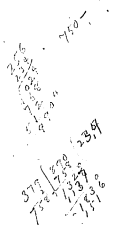
90 Continued 50 lamps 3lb 5" Drop

Weight reduction material 6.755

Check 277

Lamps 48

3.79 grams



91 Dup of 90

Weight AM 6.685
Caliper 276
Jumps 47

Small cracks on one end

3175 grams

Matte - strong gum arabic 1:1
Mix 1500 g green
5000 gum arabic hot strong
Blonde Si - Locust unmedicable
Long - would not mix - perhaps
it ought to have been cold

What is wanted apparently
is a thick body that is
highly viscous hot and comes
+ sticks long time dry
so one gives time for working

Slopped work Saturday
6 gum mat off Cake -

92 Dup of 90

Weight active M 6.835
Calliper 277
Yampo 88
3184 green

The flake used in 93 is from new bottle
93 — does very bulky poly thinner

18000 green thro 80 all fines in -
6000 Co Nut flake 70/30 thro 20
6000 Rosin dissolved in boiling 5% KOH until carbon and flake the & molasses - works good covers green easily, has advantage that dont color green - gels a bit flake in — Cliff recently perfectly covers by Eye no green shake, yet under where most of pieces can be seen but are only partially covered but the flake to thoroughly mixed with them - & makes the flake has 50% greater bulk than previous batch of flake used The ~~flake~~ mix after making feels dry but that is probably because of the Enormous shaking powers of the Red mine no rosin traces to flake + the batch covering of the ground colors of the work 6000 to a kg it would be very practical

I think that the resin doesn't lose its moisture very fast
50 Tamps - 15 Don't dry the mix

Weight column material 6.020
@ caliper 277
Tamps 59

pair worked allright for tube

3.61 gms
$\frac{100}{3}$

94 Dup of 93-
Don't dry the mix
Weight w/lime material 6.070
Caliper 278
Jaws 56-

Overall hole in one end

3.61 gram

95 Dup of 93

Don't Dry the mix

Weight of active material 6.045

Container 274

Jumps 51

3.61 grams

96=

18000 Trees
6000 McCoffrie 7/30 Line 20.
6000 Rows in sequence.
The mix not to be dried on the day
50 Tampers - 3CB 5" Drop
Weight - Actual Machine 5.430
Coal Piper 277
Tampers 48

3.125 pressure

Mix ok but it worked & tampers shows appreciably, there is also considerable tendency for sticking on roll with rapidly following mix with tendency to pick up & deposit on trees & thumb to give time to mix flake with CB binding

it worked well for timber green separated but very little from the flake

97 Dup of 96

Mix Dried on Air

Wet active material 5.505

Calliper 275

Tin 50

3.30 grams

98 Dup of 96

Mix dried w the ave
Wt active material . 5395
Caliper 277
Jamp. 48

3.23 grams

99= Dont dry.

18000 grain Thro 80 all fine mi
6000 Corn 70/30 flake thro 20
6000- Considerably thinner Room
mix than 93 to 98= it looks ok
There is no balls- the day when got
through mixing but not quite
the pebbles fine grain in there.
with pieces of flake stuck to them
Think the thicker mix is preferable
I will now try 8000- Room thin
mix-

50 Tamps 3.66 5" drop

Weight am 6.390
Caliper 277
Tamps 61

worked good and flows well
mix nice dry

3.83
3
1149

100 Dup of 99

Dried Dry

Weight a/w 6.270

Cad 278

Temp 54

376 grain

101 Dupraf 99

Dust Dry

Weight am 6.190

Cart 277

Tampers 53

3.65 grain

Dry in the air

102

18000

6000 Nello 70/30 Thin 20 flake

8000 Thin Room temp mix -

50 Lamps - 3½ 5" Warp -

Dry in the air -

Thin mixes ok no Galls, mix here - represented under Nello and all parts separate & shrinks to finish but dried pieces will be removed - This would be very good mix -

Weight am 6.095

Cake 276

Lamps 46

green Standard to Antenna

3.42 gram

103 Sup 6 102 Dry m am

Weight added in March .6.150
Cork 278
Pump 50-
Small crack on end -

3.145 green

104 Drop of 102

Oxygen air -

Weight a M 6.125

Cadl 277

Trump 46

3.459 gram

105 - our day

18000 green All thro 200 mesh.
6000 Coll 70/30 thro 20 flake.
8000 Room thin Bump.
50 lumps 3lb 5" dump -

Covers green ck - Mixes with flake without balling - Mix shows green with lumps no undue flakes
Cooked with pan ck, nicely will separate. Think no dry mix handling will separate.

Weight all 5.745
Cod 277
Jumps 47

in dryer worked good but green separated very little

3.22 green

106 Dupaf 105°

Wright AMU 5.710
Cool 277
Tampa 46

3.22 grams

107- Dup of 105 air dry

Weight AM 5.750
Cal 27%
Tampa - 46

3.22 grams

108- air dried

18000 grams thru 80 screen
6000 Combined yields thru 20
8000 after the Unclean Room Scrap
Same as used — 93.

.50 Tamps 3.16 5" Cyl —
Mixes OK - dries slowly stays a good
Easy to drive Rods — Thus would
be a very Preferred mix —
No green tint particles evident
Mixed pretty well covered
a well documented Cyl —

Weight All 5.850
Cal 2.71
Tamps 52

air dryed worked good no Segregation

3.28 grams

109 Dup of 105

Air dry

Weight air 5.920

Card 277

T 52

3.32 grams

110 Dup of 108

Wright AM 5.795 Aw dmg
Card 276
Jamp 49

3.30 grain

111 –

18000 grain Nero 80 mlC fumaric
6000 NiCo 70/30 Nero 20 grade
6000 powder Kingsville Texas
6000 thick Framingham lake wash 93
Put Flake of Sulfate same lime, green
sticky slight green tint
Drop – no bucks to speak of –
Colouring foam –
50 lumps 366 5" clump

Virgin All 6.260
Cal 27.50
Jumps

crushed seed and grain well
mix near dry

3.13 grain

112 Drop of 111

Weight calc 6.155
Calc 277
Temps 47

3:10 pm

113 Dup of 111

Weight adjustment 6.220
Cap 278
Tramps 48

3.10 appm

114 — Char Dry it

18000 grams thru 80 all grams
6000 NICKEL Flake mesh thru 20
6000 Staff Room Soup b.b. 193
Green sticky — but for some reason
Mix very green then very brown
Think Robert is so sticky that
it knocks flake all over, London
Mesh when all the grease
Steam fine but flake stuck
to it sticky well steamed
There is shake thru no hopper
Also sticky that all knocks
Flake up in mesh of sieve
Pass. 80 6000 of the Chuffnox
Room towers 2 = 6 = Flow —
50 Comp's

(1) Engineering number 6.075
Cal 277
Sieve 47

air dryed grain segregated to bottom

3164 grams

115 Drop of 114

air dry it

Weight AM .6110

Cal 277

Jumps 44

366 grams

116 Dup of 114

Air dry wt

Weight relative to 6.105

Cal 270

Jumps — 49 —

366.9 grain

117 =

18000 green thru 80 cell flowers –
6000 flake Co M 7/30 thru 20
6000 Mulch Baled down only a little, not sticky – wet green ok but not slightest stickey – Not well covered
Green temp – a little vegetable
150 Temps 3 16 5" Drop
The glass mixed with grass – not cellic mixing

Weight Cell 6.310
Cal 278
Temps 52

Ie damp chemical stress well

3.7% green

118 Dep 6 117

Wright AM 6.070
Cal 278
Trumps - 53

3.64 grain

119 Drop of 17

Weight arm - 6.275
Cal 278
Jumps 51

3.176 grams

Cant be dried to glycerine

120 –

18000 green lbs 80 off fumes
6000 Coniferals 70/30 lbs 20
about 5000 in good glycerine –
WET green perfect no sticky
green mixes easily thoroughly
think it will dry
no timbers. This would answer the
mix green & hard it mixed & think

50 Temps 3.66 5" Temp –

Wright Cell 6.665
Cell 272
Temps 44

Fred dumped glycerine & pumped out
& it worked better,

121 Dup of 120

Wright Aeronautical 6820
Cal 278
Tamp, 42

122 Exp ref 120

Oregon Coll 6,495
Cal 277
Juniper 40

These tubes to cook in 1½% KOH,

123

18000 green Mno 40 on 200 -
6000 N.C. flake 70/30 Mno 20
6000 Very stiff Molasses

it makes green fairly sticky, covers
surface no green Tinge & micro shows
decidedly a green shew to mostly
Covered — Noticed that the N.C. flake
is rather drank although the green
Mno Hydrogen — possibly the Nitrous
Ions Colour have been strong.
These properties of Mal is ok to
work on plotting flake in there is
no balls formed at all - the mix appears
to be done dry & is ok in every way
Cone dent was much less Malaspace,
but if green was Mno 30 on 200 think
5000 Mal would be OK - the above
is not too sticky but just right to
drop balls - I cooked on req Mal
little raggy & Considerable over plays

Ord temp 90 Fahr Cohen
Temp 150 temp 3 lbs 5" in drop
Wt dotue Mal. 6.260
Col 278
Temp 3175 gms

H20 poured flowed well
Small slack in cone cuel

124 - Dup of 123
Weight am · 6.185
Cal 277
Tampo 49

3.71 grain

125 - Dup of 123

Weight AM 6.260
Calf 2.17
Jumps -51

3.75 grams

Temp 90 Tabs

126 - green - Thro' 40 on 200 -
18000 NICKEL Flakes. Warren -
6000
6000 Very stiff Mixture

Sticky OR = Tinge of green but
Cavity found Could think Ni flake
w thicker than CAMI 70/30 would do
occasional dent appear on discs 8-0
cavity - 50 temps 366 5" dwp -

Weight dm 6.390
Cal 277
Temps 48

3.183 green

127 Cap 126
Vaughan 6.420
Cal 277
Stamps 51

3.85 grams

128 Dep. of 126

Cot a NW 6,440
Cal 278
Tamp 49

3.85 gross

Temp 90 Tach [illegible] be lucky [illegible]

129

18000 green thro 30 ow 200
6000 Collected 70/30 = thro 20 -
5000 very [illegible] [illegible]

Very thick. Coarse pulp of nettings
netballs - Brig's miscellaneous wrapping
work used in bad shape could not classify
3 lb 5" clasp - 50 Tamper -

Weight am 61220
Cage 2788
Tampers 52

[illegible] grass 3185 green

130 Dup of 129

Weight 5.980
Fat 278
Temp 51

3.70. grams

131 Dup of 129

LWeight am 6.050
C of C 278
Temp 49

3.72.9444

Temp 190 Fahr

132 =

18000-green thro 30 on 200—

6000-black bits by Caki[illegible]

4000 Very black leaf

Fairly sticky green - Covers well but not quite as well as Iron Mat, can scarcely see by eye a patchi green tip clay + well flow well on the whole well but drying —

50 Temp 3.66 5" drop

Weight am 5.795

Cal 2.78

Temp 47

Small amount of light oxide

3.72 green

133 Dup of 132

Weight a.m. 5.7.90
Cat 277
Temp 50
Small cracks on cut [illegible]

3172 grams

134 Days of 132

Weight at start 3.855

Cal 2.95

Tumors 51

3.76 grams

135 - 6000 MCO 70/30 Rho 20 -
18000 Rho 40 on 20δ
5000 - Glucose and big baffle bucket from
Still stiff. Wiped the stiff Half. it's too
stiff - Very Shaky green a OK
but balls to much broke cake
would it be precipitation
Course OK - No tint or green
seen by eye - of cake broken
up finer - needs more to be
done done - Think the Rag
Course be ok without baffling
50 Temp 36 67 5" drop

Weight acm 5.86
Cyl 3.77
2.0

3.69 grm

136 - Dup of 135

Weight cell [illegible]

Cal [illegible]

T [illegible]

3.78 grams

137 Dup of 135

Weight of 5.935

Oak 2.77

T 4.8

3.76 grams

138 — Tubes packed with Reg mon #3 3L6 5" Drop

Weight am 9.070
Cal 271
Temp 51

139 = Dup of 138

Weight 9.148
Cal 279
T 52

140

90 Tabs

18000 green Clinic 40 on 204
6000 McCoy 7:33 Black Beauty Thro 20
5000 Glucose and big bottle -

Thro 20 Thinners + marker green very
slightly + K-9 Balls are considerably
Coat bulks considerably bare Pale Tampa
A-K- flakes off fine frame worker
bottom scratched coat balls in 20 mins
+ worked them in - it wants To
be a shade thinner so
Balls formed are breaking without
any appreciable pressure on
turning + hand stay 1/10th of
water added in mixer also 2 ml
50 Tampa - 3.26 5" Drop

Lot CMC 6.010

Cal 277

Tampa 52

3.78 green

141 Dup of 170

Wrightman 6.040
Cal 270
T 53

3178 grass

142 Dup of 140

Utah 5.890
Col 277
Temp 51
Small quantity of sand

3.71 grams

90 Tech

143=

15000 grass than 40 or 200
6000 mCo 7 to 30 than 20 to Crack
5000 Glucose lunch Thursday
than Regarding ballbearing wear
Thinned drainhat by 1/16th S
water.

do Hillsborough, although grass is a
little stoky no backs worked
dry + powdery Can see some
green but tacky faint -
Something between this + the
Stiff working backs required to
do it, a stop point of green is
to be got stoky + green + covered
flake breaks up + shows some of
yellow due to backs being pressed
from ground flattening the root
Longest up in the pitch gen height
Enough

50 Thumps - 346 5" Drop

(a) England 5,980

Cric 277

Tour 51 3.76 grass

144 Dup of 143

Weight 6.030

Cal 278

T 51

3.78 grn

145 Dup of 143

Weight 6.075

Calc 277

Jump 50

3.78 grain

146 - 5000 Molasses stiff —
18000 green thro 40 on 200
3000 CoNiflake 70/30 thro 20 black
mixed this first with green which was
not very sticky as Poland have —
used 6 lbs Molasses ~~stiff~~ stiff mulsed
of 5000 — 5000 lbs of but is sticky
with thro 30 on 200 but is not
sticky enough with thro 40 on 200,
After mixing the 3000 CoNiflake
which covered fairly well no
green showing roughly 5 or 6 sq ft
not it I mixed 3000 flake NICKEL
thro 20 with this covered mix
Only mixed it about work it
with forgan —
50 lumps 3.18 5" dump

Weight 6210
Cal 277
T 50
3.91 gross

391 36
216 18
216 18
234 234
216 216
18 18
101 9

147 Dup of 146-

Weight 6.160

Cal 277

T 50

Small crack in one end.

319 gram

148 Dup of 146

Weight 6.210

Cal 277

T 51

3.91 grain

149=

14000 thro 20 on 200 -
but there was very little fumes in it
for some reason

5000 stiff Mol. mass awful
sticky, faint wet,
6000 no Co -
Mixed perfect no balls worked
fine - This is obv due to
having so great an excess that
it couldn't get cohesion like it
would if thin - no balls -
This would work fine if a mod
gel it thin dry - Its dry
Paffin Covering = would set
by dried - Covered perfect.
4000 would do fr balls
just as well -
I will try 4000 - Stiff Mol.
To Pump 3 hr. 5" Drop
Weight 6.220
Cal 278
T 51 391.9 gms
air dryed.

150 Drops of 149

Weight 6.165

Cal 280

T 50

3190 grams

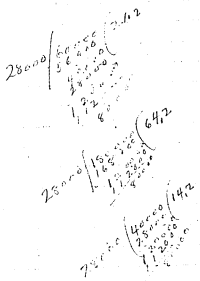
151 - Dup of 149

Weight 6.185

Cal 280

T 50

319 gram



152=

15000 grain Duro 30 on 200
4000 Stiff molasses
6000 MCO 70/30 Duro 15 mesh
Not quite enough mol to make it
perfect sticky. wants 5000 for
this size - Covered perfect no
tint. Dry ok
50 Tempering 3.28 5" Disc

Length 5.770
Col 277
J 51
worked good.

3.170 grain

21.2 flake
64.2 prism
14.2 Molasses
79.8

153 Dup of 152

Weight 5.810

Cal 276

T 52

3172 grains

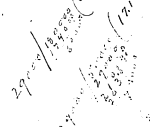
154 Dup of 152

Wright 5.825

Cal 278

Tungs. 51

3.172 grams



155—

18000 green lime 30 on 200
5000 cliff malaucco
6000 McCaysville lime TEN MESH.

green good sticky mist at end night.
Big flake mate sticky no balling
perfect in the crusher perfect
Coarse - little big flake, drift in
no debut knocks, Heard very
Man could barely hear me
for 100 called sticky there was
it makes quick mix 1+
50 7 mil per 3.6 5" slump
it no dry but dont know if
beg flake would continue
EOT refilling —

Weight 6.180
Cal .278
T 50

Large flake does not let
mix flow well. 3:59.

156 Dup of 155

Weight	6.090
Calc	278
J	51

3.583 grain

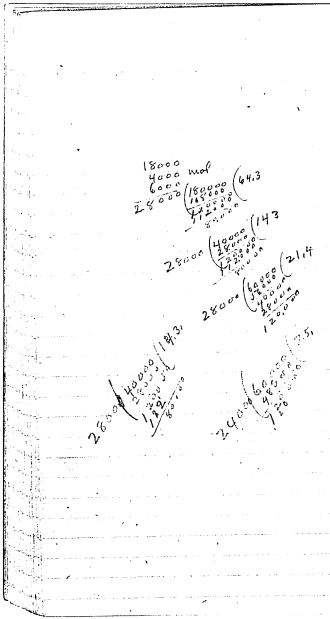
157 Dup of 155 —

Weight 6050

Cal 278

T- 50

3.183 gram



158–

18000 ~~grain~~ Rye 30 on 200 –
4000 Malt ~~Grain~~ Diff –
6000 McCoy 7/20 Rye Iron mesh –
1/2 put in mix reworked, the other 1/2 of the flakes put in after 1st half had been worked to Crown – the last 1/2 only mixed –

50 lamps 3 lb 5" Drop

Weight 5.650
Cal 278
Lamps 48
Large bridges, and dent let mix flow.

3.63 grm

159 Dup of 158

Weight 5.815
Col 278
Jamp 49

3.73 gram

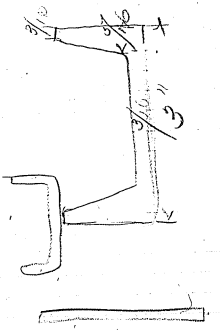
160 Dup of 158

Wright All- 5,900
Cal

277

Jamps - 50

3.79 grain



17/8/30/12.
1933
40

Device to determine amount of flake.

161 –

18000 green lines 30 on 200.
3000 MCo 7030 lines 10 mesh
5000 stiff materials

Covers perfect no green things –
Dry ish – green has just right stickiness
a dent held – cement left all green sticky
Very little working without handling
any pressure here has the big bakes
up when flake put in –
Thick – 50 " Compr 316 5" Comp

Weight 5.730
Col 370
T 50

3.96 grm

162 Dup of 161

Weight 5.7[illegible]

Cal 2[illegible]

J 5.2

3.96 gram

163 Dup of 161-

Wright am - 5.690

Cal 275

7 50

3196 grain

164 – Same exactly as 161
Except
18000 green
4000 Mica flake
Perfect covered dry –

Weight 5.750
Cal 277
J 58

3.62 grams

165 Day of 164

Weight 5.8 lb

Col 278

J 49

3.92 g-cm

166 Dup of 164

Weight 5.755

Cal 275

T 41

3.82 gram

167 – Same as 161 –
Except
5000 MnCo flake

Covers perforation only

Weight 5830
Cal 278
T 49

- 3174 grain

168 Dump of 167

Weight 5.950

Cal 371

T 50

3.83 gram

169 Dup of 167

Wright S.Y.S.U.

Cat 275

T 48

3.74 grm

170- Same as 161 - Except
7000 flake MnO

Weight
Col
T

3161 grams

171 Dup of 170

Weight 6.040

Cal .277

J 81

3.61 gram

172 Dup of 170

Weight [illegible]

Cal [illegible]

T [illegible]

Small crust [illegible]

3.61 gram

173 – Same as 161
But 6000 MCo 70/30 flake
thro 20 mesh mixed with green
grain then 2000 Nickel
flake thro 20 mixed afterward
Wetted working making
a total flake of 8000
or 69.12% of grain –

Weight 6.0
Cal 27
Temps 52

3.53 grain

174 Dup of 173

Wright
Cal

J 50

3.53 grain

175 Dup of 173

Wright 6.710
Cal 277
T 50

3.154 gram

176 — Mi flake Hud 15 mesh.

18000 Hud 30 on 200

3000 Warren very fluffy Thin Sticked flake - large bulk - 3 grains filled 3 oz bottle

5000 glucose from big bottle with very little retention to Thin it say 3 to 5% — very sticky - probably too sticky thick standard fine balls - smack bulk of total mix

Vol tamped 3.66 5" Drop

Weight 5.830 apparently Cohesive perfect

Cal 278

7 50

4.03 grain

1209

177 Dup. of 176

Weight 5.650

Col 277

T 54

3.90 green

178 Dup of 176.

Weight 5.595

Cal 278

7 48

3.86 gross

179 = Same as 176
but 4000 flake nickel.
Works better Layer about think
Have use so many fine Cuts –
3.66 5" Strip
Covers perfect
Weight 5.765
Cal 278
T 53
3.80 green

180 Dup of 179

Weight 5600

Cal 277

Temp 50

Small creek in the field

3.76 grain

1.51 Dup of 179

Weight 5.680
Cal 278
T 49

3.76 grams

93 Fahr -

182 - Same as 176

Except 5000 grams Nickel.

Little Bally

Weight 5.680

Cal 278

7 48

3.64 grssm

183 Dup of 182

Weight 5.600

Cal 278

T 49

3.64 grain

184 Dup of 182

Wright 5.630

Cal 277

T 48

3.64 gram

185 - ~~Orig~~ Same as 176
Except 6000 Nickel flake

Wt 5,700
Col 278
T 49

3.53 grams

186 Dup of 185

W 5.850
Cal 278
7 49

3.162 grain

184 Dup of 185

Wt 5.805

Cal 277

T 5.0

Small correction one end

3.62 gram

188 Same as 176 —
Except - 7000 Ni flakes

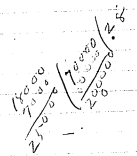
Wt 5.940

Cal 277

Tamps 48 28% Ni flakes

Small amount in coarse end

3.56 green



189 Dup of 188

Weight 5.780

Cal 777

T 48

3.46 grain

190 Dup of 184

Wt 58.35

Cal 278

T 50

Small crack in one end

3.50 grain

92 Faber

191-

18000

6000 Very bulky like Nickel flake
thro 15 mesh

5000 cuff thro 20 mesh -

Not sticky - (10) only a very little,
not near like the glucose pearl used
big bulky mix no balls pearl at
Covering +

Weight 5.890

Cal 278

T 49

did not flow well

3.165 green

192 Dup of 191

Weight 5.815
Cal 278
T 50

3.165 grain

193-Dec-6191

Wt 5855

Cal 278

T 51.

3.65 grain

5-760 against 7650, commonwealth Mercury ill—

194=

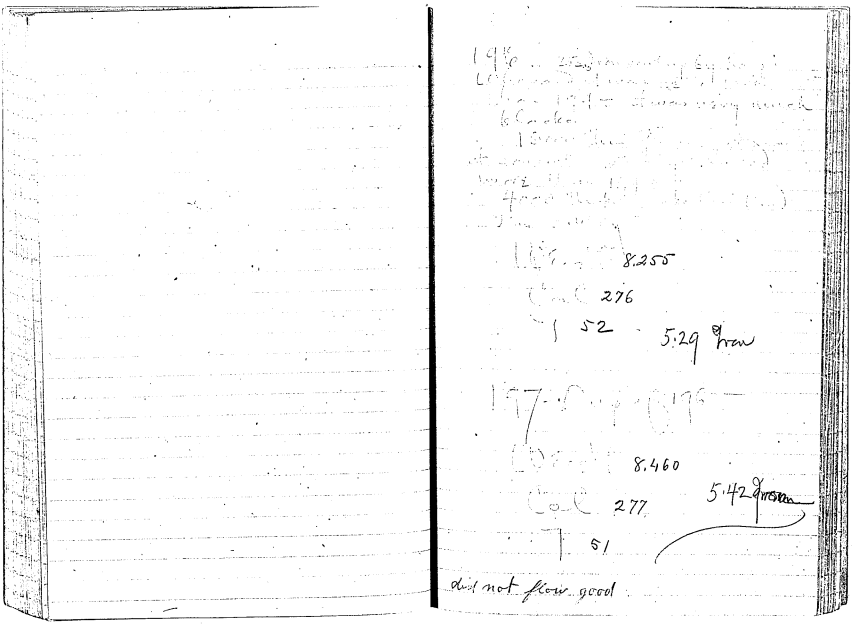
25 Black nose Reg Yorkshire
Ralph sent up — No marking out
8000 quite thin [illegible]
not [illegible]
so you could [illegible]
used 4000 after using [illegible]
[illegible]
[illegible]
but I cannot
don't care...
3 ll 5" drop — [illegible]

Weight 8,535
Cal 276
T 57

5.76 Iron

195 Duplicate of 194

Weight 8.555
Cal 278 5.76 iron
Jump 5 0
did not flow good


8.255
276
52
5.29 g/mm
8.460
277
51
5.142 g/mm
did not flow good

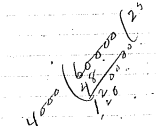
19.8

18000 grossthro 30 on 200
6000 dark Cobalt Nickel 70/30 flake 15 min
5000 Stiff Mahogany

To be given 100 Tamps 3LB 5" clamp

Lot 6,100
Cal 278 20/flasks
T 101

3.78 grain



199 Dup of 197

W 5.960
Cal 278
T 99

3.69 gms

200 Dup of 197

Wf 5.970

Cal 277

T 100

3169 grams

201 –

18000 thru 30 on 200
6000 Nickel flake fluffy thin
5000 - Glucose
Sticky oak - no balls –
Work fine – no drying necessary
Thru Ni flake harder impress than that
previously used - as Warren put on
20 to 40 layers on armors zinc –

100 Tamps. 3lb 5" drop

Weight 5.445

Cal 277

T 101

3.136 grain

202 Dup of 201.

Wt 5.310

Col 278

7 102

Small crack in one end

5.29 grain

203 Dup of 201

Wt 5.400

Cal 277

J — 101

329 gram

204

18000 Thro 30 on 200
6000 Nickelflake thinn Sticky
frankz — pity from ribbon too much lymed
5000 Glucose —
Green sticky — mixed three different
put in about 1/5 of flake —
thoroughly mixed at — no balls
flake baked up very much
in where see green shiny particles
Covered with fine cracked flake
1/5 to 1/4 size of particles on
particles on prickly Covered —
No balls — theory good in the
either 4/5 of flake-Covered
dry no balls coalesce
50 Jumps 3 lb 5" Drop

Wt 5.720
Cal 277
T 56

3.154 grams

205 Dup of 204

Wt 5.550

Cal 278

T 5c

3.144 gram

206 Dup of 204

Wt 5.380

Col 277

T 54

3.32 gram

207 =

18000 gms. Hexane 30 on 200
6000 Mica flakes 70/30 15 mesh dried fine
6000 Conc KOH,

Wet it good not sticking — No balls —
pasty lower to top drum — Covers perforated
flakes very bulky —
50 Tamps 3 lbs 5" drop
Wt 7,340

Cal 279

7 51.

when put out to dry it got real wet
& drying packed finicky

208 Dup of 207

Wt 7,210

Cal 278

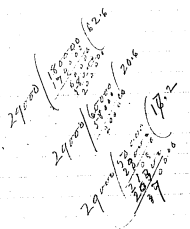
T 48

209 · Dup of 207

Wt 7.010

Col .279

T 51



50 Tubes

210

18000 Wash 30 on 200

6000 MeCo W/n flakes very slushy Wash 2 rinse

5000 Chrome shade thinner Wash 1 rinse

6-8 bottles

Green Sticky - no balls providing Dry at 4k

Yellow ok - Green perfect

To have 50 Dark tubes go

3 lbs 5" Drop

Weight 6.470

Col 278

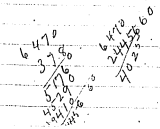
T 57 · 4.01 grams

Green 62.6

20.6 flakes

17.2 glass

100.4



211 Dup. 6215

50 Double-Jumps

Lot 6,315

Col 277

T 52

Small amount smol

3.91 grams

212 Dup of 210 —

Wt 6.330

Cal 278

T 54

3.91 grams/

213

18000 Illno 30 on 200
6000 MnCo 70/30 bulky, dark, granular
5000 glucose same as 210,

to 62 run in 33% KOH,
50 Jam pz — 3.16 5" drop

Wt 5,985

Col 278

T 52

3.71 grm

214 Dup of 213

W.f 5,880

Cal 278

T 49

3.64 grams

215 Dup of 213

Lot 5.825

Cal 278

T 50

3.64 ppm

216=

18000 Thos 3r on 200
6000 NICKEL Plate bulk, spindle, Thos
5000 Glucose same as 210-
50 Jumps 3½ LL weight. 5" Drop

Wt 6.170

Cal 278

J 53

3.985 grams

217 Dup of 216

Wt 6.000

Cal 278

J 51

3.72 gram

218. Dupref 216

Wt 5.825

Cal 277

Jamps 49

Small cracks on rim

3.61 grain

219

18000 Thio 30 on 200
6000 bulky frankl Nickel flake
5000 glucose same as 210.
green 9 Hunk in Tos Sticky - it balls some of less sticky, bz ok a evident balling hence frankl flake evident break up as much
50 Tamps 4 lbs weight

Wf 6.170
Cal 277
J 49

3.182 grain

220 Dup of 219

Wt 6.230

Cal 277

J 51

3.486 qtzw

221 Dup of 219

Wt 6.000

Cal 278

J 44

Small crack in one end

3.72 gm/cm

2222 Reg fleet cups
200 almosbllaes
18000 Iron without Mercury
6000 Corn flake
Suffient tglueraets shake it,
Dry at Heat weight out 4 or 5 grms

223 Dup of 222

224 Dup of 222

22,5

18000 Green
6000 Corn (Cook - Mississippi Valley - about 1 part to 3 parts green)
5000 g Concord hills, Illinois, Thornburg hills
Dry this mix on asbestos on hot plate
for 1½ hours before use
50 lamps 3 lb 5" Drop

Wt .5,125

Cal .279

T 56

226 Dup of 225

LOF	5.070
Cal	.281
T	53

227 Dupaf 225

Wt 5.130

Col 279

T 51

228

18000 IMR 30 on 200,
6000 Bullseye McCo flakes
5000 Titewad

Screw not tight enough, but just right.
This mix I worked the flake longer so
smoke particles showed to separate it
got clayey lumps in I mixed more
got like bulk than 225-4 flakes more
like a dry powder —
50 Trumps 3 1/2 5" Drop

Wt 5.570

Cal .277

T 49

Small crack on one end

229 - Dup of 228

Wf 5.505

Cal .276

T .53

Small crack on one end

230 Dup of 228

Lot 5.325

Col .277

T 50

Small crack on one end

231

18000 Grass Lake 30 on 2000
6000 Colli Flake-bentley blends
5000 Glauconite -
50 lamps. 3" LB 5" drop - no burrs -
dry, powdering -
Run in 10% KOH,
+ 10% Carbonate Potash.

LOI 5.710

Col .277

T 54

232 Dup of 231

Wt 5.480

Cal .277

T 52

Small crack on one end.

233 Dup of 231

Wt	5.485
CaC	.276
T	53

234.

18000 #/sq in thru 30 on 2nd
6000 McC of Cake – bulky block
5000 #/sq in
Underneath slide bar –
50 T 3.6 dump 5" mesh

This coff to be on Nickel Coffee runs COLD. not to go on hot [illegible] at all –
Run 150 runs Cold then put on hot Sat 8th 1905 had 108 hot runs –

Wt	5,765
Cal	277
T.	54

235 Dup of 234

Wt 5.525

Cal .1276

T 5.1

236 Dup of 234

Wt 5.530

Col .276

T 51

237

14000 green thin 30 on 200
6000 Cobalt nickel flake 70/80 safety
5000 glucose - Covers perfectly
Steam starting from the bottom up
366 5" drop 50 Tempo -

Run Req in little Metallic Coil
Then Holland is to take it for
testing Economy, capacity, etc
it is not complicated & Holec
engineers more nearly what we
want to make in practice.

Lot 5.565

Coil .277

T 53

238 Dup of 237

Lof 5,257

Col .277

T 52

track on one end

239 Dup of 237

Cof 5.270

Cal .277

T 51

Courtesy of peerless of Co To Ni inflake
to Mrs Warren made at 5 days for
one oz =

240

18000 green thro 30 on 200

6000 Corn flake - very friable + poor so much
dust had to screen out dust thro 30 mesh, so ate
thro 15 on 80 - under Microscope its dull - dusty -
with very fine black specks, Looks like the
flake. like lead a very much crushed,
it powders extremely Easy with the fingers
I dont think it will give good results
probably breaking up in handling

5000 of Enhance little thinner than in
big batch - Corn perfect dry + okeh work

100 Tamps 3 lb 5" Drop

except last 2 strokes which balls on 2 dame not work
hung on account of the flake - green sticky -

Weight 6.088

Cal 278

T 95 3.77 green

241 Dup of 240

Weight 6.032

Cal 277

Temp 105

small cracks on soil

3.77 grams

242 Dup of 240

Weight 5.943
Cal 278
Temp 105

377 gms

243.

18000 green Illno 30 on 200.
6000 Micaflake same as used on 240
5000 Glitter "
green smoky oak

Works Lake 240 — Covers perfect

50 Double Jumps - 3.86 5" Drop

Weight 6.303

Cal 277

T 54 . 3.90 green

244 Dup of 243

Wt 6.115

CaC 278

T 51 3.99 grm

245 Dup of 243

Wt 6.053

Cal 279

T 51 3.77 grain

* Notice with this flake the bulk of the flake utensil generally fills the bottle nearly full as only 1/2 full

246 –

* 18000 grain
6000 Mica flake like used 240
5000 glucose "

Covers perf. et - alt -

100 Jumps 4 pound weight 5" drop

LOT 6.568

Cal 278

T 94 4.07 gram

247 Dupaf 246

Wt 0.210

Col 277

T 96 3.85 grams

248 Dup of 246.

Wt 6.191

Cal 277

T 97 3.85 gram

249

18000 - green lime 30 on 200
6000 NaCl flake like 240
6000 33% KOH. mixes ok -
ovens apparently put out green not sticky - mix little charge maynot flow well in a rotary feed -
100 Tamps 3 LB WT, 5" drop
Could probably use 5000 33% instead 6000.

LOf 7.483

CaC 277

T 98 4.48 grain

250 Dupe of 249

Wt 7.515

Cal 277

T 99 4.500 grsm

251 Dup of 249

Wt 7.568

Cal 277.

T 98 4.54 grams

Thumb flake – Too Gritty + Thin

252 – warm oil 2 in 3 times Thumb Thumb

18000 Thio 30 on 200

6000 – blackish CoMi 60/40 Sc Barley –

5000 Glucose –

Press not sticky – dont cover well – lot less particles – of this kind of glucose 5000 is not enough to prevent Separation will use 6000 on the next one

50 Double Tamps –

Weight 7.130

Cal 279

T 60

253-Dup of 252

Wt 6.765

Cal 280

T 58

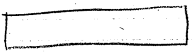
254 Dup of 252

Wt 6,740

Cal 278

T 54

Small crack one end



Thimbleflake tea bottle + Chemise

Thimbleflake Tea Bottle

255-

18000 lbs 30 on 200
6000 black bulky 60's/40 McCall's
6000 glucose — made stiffer but still
dident get stiff enough it wasnt very
sticky + lot of grease pailfuls could
be taken in mix - 9 days dry it
was not well cooked

50 Double Tapes -

Lot 6.945

Col 278

T 54

256 Cup of 256

Wt 6.9ms

Cal 278

T 52

257 Dup of 255

Wt 6.800

Cal 277

J 50

Small cracking evid

Thumb Flanker Too Grillbar Thru —
flanker to Thru

258—

Room Green Thru 30 on 20d
6000 - bulky 60/40 Comi - clank -
5000 - Glucosa - Chicken Thru 235 -
50 Double Tramps - 366 5" Drop —.

Lot 7,250

Cal 278

T 56

Small crack on card

259 Dup of 258

Wt 7.185

Cal .279

T. 55

260 Dup of 258

Lot 7.080

Cal 279

T 52

The flake in the very thin transfer NaCl 60×40

261-

18000. all through 50 mesh to fine.in -
6000 COM 60×40 thro 15 mesh -
6000 Cfluorsc pretty stiff -

50 Double tamps - Speedy as to see that the lap in the tubes are brilled up That the Ends are closed tight on the mix and that the jars do not segregate the free flake from the mix -

I squeezed the mix some to make the flake adhere there are a considerable number of free green on the 6000 Cfluorsc do not make that grade of fine green sticky enough - The flake is quite brittle a goes to fine -

Wt 6.875

Cal 177

T 56

small crack on side

262 Dupof 261.

Wf 6800
Coc 277
T 53

263 Dup of 261

Wt 6.740

Cal 275

T 50

264-

18000 all thro 80 fines 4 off
6000 of same Co Mg 60 + 40 flakes as on 261
7000 same glucose as on 261

50 Double Lamps with same preparations
as to, tube Lap - hand ends + forming of mix

Y squeezed mix some = the 6 like covered them 261
Cells scarcely use, only pasted with thin
blocky flake + with thick glucose -
What is really needed is tough lamps +
less bulky flakes

Wt 6.8.0

Cal 1.77

T 51

Small Crack in one End

265 Dup of 264

lot 6.943

Col = 78

T 52

Rig Crack one end

266 Dup of 264

Wt 1,900

Cal 277

T 50

Small crack in both cups

267

18000 green thro 100 + all fines
6000 same flake no 261 -
8000 glucose same no 261

50 Double Tamps with same procedure
as to serving mix — ends tight on mix
+ deep well in Tubs tight at edges

Punched + worked mix same as 621 26
flake breaks up bad - no green particles
seen

Wt. 7.170

Col 277

T 51

Small wash in Col Tube

268 Dup of 267

Wt 7.160

Col 277

T 52

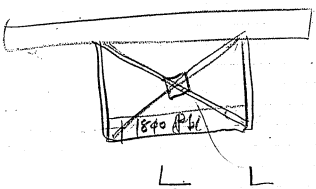
Small crack one side

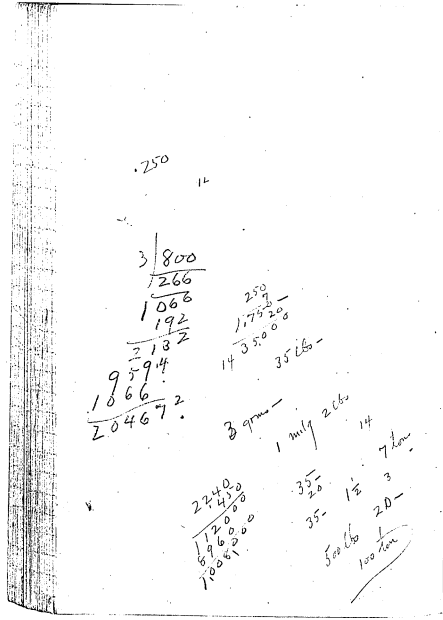
269. Dup of 267

Lot 7,050

Cal 277

T 51


1840 #/ft


.250
12
3 | 800
1266
1068
192
132
9594
1066
204672.
250
1,752.0
14 | 35.00
35 lbs
3 grams
1 mile 2 lbs
14
7 lbs
2240
1120
19600
19600
35
20
1 lb
3
20
500 lbs
1 ton